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TO: Laura Stockton
Location: REM-5A25/5C18
Art Unit: 1626
Wednesday, July 14, 2004

Case Serial Number: 10/757347

From: Deirdre Arnold
Location: Biotech-Chem Library
REM 1A64
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Deirdre.Arnold@uspto.gov

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Examiner # (Mandatory): 92399 Requester's Full Name: Laura L. Stockton
Art Unit 1626 Location (Bldg/Room#): REM 5A25 Phone (circle 571) 305 306 308 292-0710
Serial Number: 10/757,347 Results Format Preferred (circle): PAPER DISK E-MAIL
Title of Invention Estrogen receptor modulators
Inventors (please provide full names): Verena D. Heubner; Xiaodong Lin; Ian James;
~~Manoj C. Desai~~; Beata Kryzutka; Rajinder Singh;
Liang Wang; Liya Chen
Earliest Priority Date: August 7, 1998

Keywords (include any known synonyms registry numbers, explanation of initialisms):

Litigation search request

Search Topic:

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

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PALM INTRANET

Continuity Information for 10/757347

Parent Data

10757347is a reissue of 09369747Which Claims Priority from Provisional Application 60095772Which Claims Priority from Provisional Application 60095773

Child Data

No Child Data

Appln Info

Contents

Petition Info

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**Continuity
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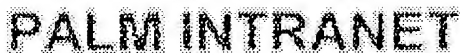
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PALM INTRANET**Application Number Information**

Application Number: 09/369747

Examiner Number: 61237 / RAMSUER, ROBERT**Assignments**

Filing Date: 08/06/1999

Group Art Unit: 1626

Effective Date: 08/06/1999

Class/Subclass: 514/406.000

Application Received: 08/06/1999

Lost Case: NO

Patent Number: 6291505

Interference Number:

Issue Date: 09/18/2001

Unmatched Petition: NO

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: 1534.004

Third Level Review: NO

Secrecy Order: NO

Status: 150 /PATENTED CASE

Status Date: 08/30/2001

Confirmation Number: 7202

Oral Hearing: NO

Title of Invention: ESTROGEN RECEPTOR MODULATORS

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09369747	9200	07/14/2004	1626	STOCKTON, LAURA	DAVIS, DUANE	

Appln
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patno=6291505

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369747 (09) 6291505 September 18, 2001

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September 18, 2001

Estrogen receptor modulators

APPL-NO: 369747 (09)


FILED-DATE: August 6, 1999

GRANTED-DATE: September 18, 2001

ASSIGNEE-AT-ISSUE: Chiron Corporation, Emeryville, California, 02

ASSIGNEE-AFTER-ISSUE: November 5, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CHIRON CORPORATION 4560 HORTON STREET EMERYVILLE CALIFORNIA 94608, Reel and Frame Number: 010359/0564

CORE TERMS: compound, synthesis, mol, purity, synthesized, substituted, optionally, pyrazole, manner described, cycloalkyl ...

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Terms: **patno=6291505** ([Edit Search](#))

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Research Information:

Utility, Design and Plant Patents
patno=6291505

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September 18, 2001

Estrogen receptor modulators

APPL-NO: 369747 (09)

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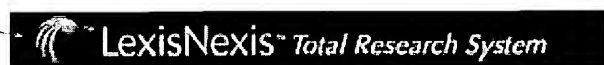
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- ☐ 2. [The Record \(Bergen County, NJ\)](#), April 21, 1999; WEDNESDAY; ALL EDITIONS, NEWS; Pg. L02, 1120 words, HOW SCHOOL BUDGETS FARED AT THE POLLS, The Record
... Edge Tax Levy: \$ **6,291,505** 892 923 River ...
- ☐ 3. [The Record \(Bergen County, NJ\)](#), April 1, 1999; THURSDAY; ALL EDITIONS, NEWS; Pg. L04, 492 words, GUIDE TO SCHOOL ELECTIONS; RIVER EDGE, The Record
... Tax levy: \$ 5,836,255 \$ **6,291,505** +7.7 School tax ...
- ☐ 4. [Nucleonics Week](#), January 28, 1982, Vol. 23, No. 4; Pg. 11 Note: This table may be divided, and additional information on a particular entry may appear on more than one screen., 4226 words, NUCLEAR ELECTRICITY GENERATION FOR DECEMBER 1981
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The Toronto Sun June 29, 2000, Thursday,

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SECTION: LIFESTYLE, Pg. 6

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January 28, 1982

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LENGTH: 4226 words**HEADLINE:** NUCLEAR ELECTRICITY GENERATION FOR DECEMBER 1981**BODY:**

...

	Total Mwh gross in 1981	Plant factor 1981	Lifetime total Mwh gross
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Search statement 1

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1 / 1 PLUSPAT - @QUESTEL-ORBIT

Patent Number :

US6291505 B1 20010918 [US6291505]

Title :

(B1) Estrogen receptor modulators

Patent Assignee :

(B1) CHIRON CORP (US)

Patent Assignee :

Chiron Corporation, Emeryville CA [US]

Inventor(s) :

(B1) JAMES IAN (AU); KRYWULT BEATA (AU); CHEN LIYA (US); DESAI MANOJ (US); LIN XIAODONG (US); SINGH RAJINDER (US); WANG LIANG (US); HUEBNER VERENA D (US)

Application Nbr :

US36974799 19990806 [1999US-0369747]

Filing Details :

Rel. Prov. 60/095,772 19980807 [1998US-P095772]

Priority Details :

US36974799 19990806 [1999US-0369747]

US9577298P 19980807 [1998US-P095772]

Intl Patent Class :

(B1) A61K-031/415 A61P-019/10 C07D-231/12

EPO ECLA Class :

C07D-401/04 C07D-231:00 C07D-213:00
C07D-401/04 C07D-231:00B C07D-221:00B
C07D-403/04 C07D-241:00 C07D-231:00
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C07D-231/12B5
C07D-231/54

US Patent Class :

ORIGINAL (O) : 514406000; CROSS-REFERENCE (X) : 548377100

Document Type :

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Citations :

US4112108; US4229204; DE2441504 A1; DE3119727 A1; DE4126543 A1;
DE4230839 A1; DE4408084 A1; EP0026928; EP0442448 A2; EP0623603 A1;
FR2104932; WO9625405; WO9701551; WO0075131
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with Tetrasulfur Tetranitride Antimony Pentachloride Complex (S.sub.4
N.sub.4 SbCl.sub.5): Complete Regioselective Formation of 4-Substituted
3-Acyl- and 3-Aroyl-1,2,5-Thiadiazoles and their Mechanism of
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Isoxazoles", Heterocycles, (1995) 40(1):187-190.

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Hydrochloride: Part IV.sup.1 ", Tetrahedron, (1995) 51(10):3051-3060.

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

Estrogen receptor-modulating pyrazole compounds are described in
addition to methods and compositions for treating or preventing estrogen
receptor-mediated disorders. The compounds described have been found to
have unexpected and surprising activity in modulating estrogen receptor
activity. Thus, the compounds of the present invention have utility in
preventing or treating estrogen receptor-mediated disorders such as
osteoporosis, breast and endometrial cancers, atherosclerosis, and
Alzheimer's disease.

Update Code :

2001-39

1 / 1 LGST - ©EPO

Patent Number :

US6291505 B1 20010918 [US6291505]

Application Number :

US36974799 19990806 [1999US-0369747]

Action Taken :

19991105 US/AS-A

ASSIGNMENT

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XIAODONG;JAMES, IAN;AND OTHERS;REEL/FRAME:010359/0564;SIGNING DATES FROM
19990930 TO 19991021

20040420 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040113

Update Code :

2004-25

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,291,505 A 20010918 [US6291505]

Patent Assignee :

Chiron Corp

Actions :

20040113 REISSUE REQUESTED ?

ISSUE DATE OF O.G.: 20040420

REISSUE REQUEST NUMBER: 10/757347 ?

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1614

Reissue Patent Number:

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